

Date Mailed:

Form 1449

INFORMATION DISCLOSURE STATEMENT
IN AN APPLICATION

JUN 07 2001

Docket Number: 050321-1040

Application Number: 09/552,759

Applicant: Underbrink, et al.

Filing Date: April 18, 2000

Group Art Unit: 3661

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FHM	3,604,911	9/14/71	Schmitt	235	181	
FHM	3,975,628	8/17/76	Graves et al.	250	199	
FHM	4,426,712	1/17/84	Gorski-Popiel	375	96	
FHM	4,445,118	4/24/84	Taylor et al.	343	357	
FHM	4,463,357	7/31/84	MacDoran	343	460	
FHM	4,578,678	3/25/86	Hurd	343	357	
FHM	4,667,203	5/19/87	Counselman, III	342	357	
FHM	4,701,934	10/20/87	Jasper	375	1	
FHM	4,754,465	6/28/88	Trimble	375	1	
FHM	4,785,463	11/15/88	Janc et al.	375	1	
FHM	4,809,005	2/28/89	Counselman, III	342	352	
FHM	4,821,294	4/11/89	Thomas Jr.	375	96	JUN 11 2001
FHM	4,890,233	12/26/89	Ando et al.	364	457	
FHM	4,894,662	1/16/90	Counselman	342	357	TO 3600 MAIL ROOM
FHM	4,894,842	1/16/90	Broekhoven et al.	375	1	
FHM	4,992,720	2/12/91	Hata	320	23	
FHM	4,998,111	3/5/91	Ma et al.	342	352	
FHM	5,014,066	5/7/91	Counselman, III	342	352	
FHM	5,018,088	5/21/91	Higbie	364	574	
FHM	5,036,329	7/30/91	Ando	342	357	
FHM	5,043,736	8/27/91	Darnell et al.	342	357	
FHM	5,108,334	4/28/92	Eschenbach et al.	455	314	
FHM	5,148,042	9/15/92	Nakazoe	307	65	
FHM	5,153,591	10/6/92	Clark	341	51	
FHM	5,179,724	1/12/93	Lindoff	455	76	
FHM	5,202,829	4/13/93	Geier	364	449	
FHM	5,225,842	7/6/93	Brown et al.	342	357	
FHM	5,253,268	10/12/93	Omura et al.	375	1	
FHM	5,276,765	1/4/94	Fremman et al.	395	2	
FHM	5,293,170	3/8/94	Lorenz et al.	376	309	

EXAMINER: *FHM*DATE CONSIDERED: *1-28-02*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed:

Form 1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION			Docket Number: 050321-1040	Application Number: 09/552,759		
			Applicant: Underbrink, et al.			
			Filing Date: April 18, 2000	Group Art Unit: 3661		

JUN 07 2001

FHM

FHM TRADEMARK OFFICE

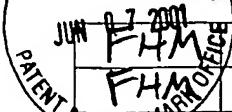
JUN 07 2001	5,293,398	3/8/94	Hamao et al.	375	1	
<i>FHM</i>	5,297,097	3/22/94	Etoh et al.	365	226	
<i>FHM</i>	5,311,195	5/10/94	Mathis et al.	342	357	
<i>FHM</i>	5,323,164	6/21/94	Endo	342	357	
<i>FHM</i>	5,343,209	8/30/94	Sennott et al.	342	357	
<i>FHM</i>	5,345,244	9/6/94	Gildea et al.	342	357	
<i>FHM</i>	5,347,536	9/13/94	Meehan	375	1	
<i>FHM</i>	5,352,970	10/4/94	Armstrong II	320	39	
<i>FHM</i>	5,363,030	11/8/94	Ford et al.	320	13	
<i>FHM</i>	5,378,155	1/3/95	Eldridge	434	11	
<i>FHM</i>	5,379,224	1/3/95	Brown et al.	364	449	
<i>FHM</i>	5,396,515	3/7/95	Dixon et al.	375	208	<i>RECEIVED</i>
<i>FHM</i>	5,402,346	3/28/95	Lion et al.	364	436	
<i>FHM</i>	5,402,347	3/28/95	McBurney et al.	364	443	<i>JUN 11 2001</i>
<i>FHM</i>	5,410,747	4/25/95	Ohmagari et al.	455	118	
<i>FHM</i>	5,416,712	5/16/95	Geier et al.	364	450	<i>TO 3600 MAIL ROOM</i>
<i>FHM</i>	5,418,818	5/23/95	Marchetto et al.	375	264	
<i>FHM</i>	5,420,593	5/30/95	Niles	342	357	
<i>FHM</i>	5,440,313	8/8/95	Osterdock et al.	342	352	
<i>FHM</i>	5,450,344	9/12/95	Woo et al.	364	449	
<i>FHM</i>	5,498,239	3/12/96	Galel et al.	604	95	
<i>FHM</i>	5,504,684	4/2/96	Lau et al.	364	443	
<i>FHM</i>	5,546,445	8/13/96	Dennison et al.	379	60	
<i>FHM</i>	5,548,613	8/20/96	Kahu et al.	375	208	
<i>FHM</i>	5,550,811	8/27/96	Kahu et al.	370	18	
<i>FHM</i>	5,568,473	10/22/96	Hemmati	370	18	
<i>FHM</i>	5,577,023	11/19/96	Marum et al.	370	16	
<i>FHM</i>	5,577,025	11/19/00	Skinner et al.	370	22	
<i>FHM</i>	5,592,173	1/7/97	Lau et al.	342	357	
<i>FHM</i>	5,594,453	1/14/97	Rodal et al.	342	357	
<i>FHM</i>	5,608,722	3/4/97	Miller	370	320	
<i>FHM</i>	5,623,485	4/22/97	Bi	370	209	

EXAMINER: <i>Ed Hm</i>	DATE CONSIDERED: <i>1-28-02</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date Mailed:

Sheet 3 of 7

Fonn 1449 ^s	Docket Number: 050321-1040	Application Number: 09/552,759
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION		Applicant: Underbrink, et al.
	Filing Date: April 18, 2000	Group Art Unit: 3661



FHM	5,625,668	4/29/97	Loomis et al.	379	58	
FHM	5,640,429	6/17/97	Michaels et al.	375	340	
FHM	5,640,431	6/17/97	Bruckert et al.	375	344	
FHM	5,642,377	6/24/97	Chung et al.	375	200	
FHM	5,644,591	7/1/97	Sutton	375	200	
FHM	5,649,000	7/15/97	Lee et al.	455	436	
FHM	5,650,792	7/22/97	Moore et al.	343	725	
FHM	5,654,718	8/5/97	Beason et al.	342	357	
FHM	5,663,734	9/2/97	Krasner	342	357	
FHM	5,663,735	9/2/97	Eshenbach	342	357	RECEIVED
FHM	5,689,814	11/18/97	Hagisawa et al.	455	69	JUN 11 2001
FHM	5,722,061	2/24/98	Hutchison IV et al.	455	245.1	
FHM	5,734,674	3/31/98	Fenton et al.	375	207	
FHM	5,734,966	3/31/98	Farrer et al.	455	63	TO 3600 MAIL ROOM
FHM	5,737,329	4/7/98	Horiguchi	370	342	
FHM	5,739,596	4/14/98	Takizawa et al.	307	66	
FHM	5,749,067	5/5/98	Barrett	704	233	
FHM	5,781,156	7/14/98	Krasner	342	357	
FHM	5,784,695	7/21/98	Upton et al.	455	442	
FHM	5,786,789	7/28/98	Janky	342	357	
FHM	5,812,087	9/22/98	Krasner	342	357	
FHM	5,825,327	10/20/98	Krasner	342	357	
FHM	5,828,694	10/27/98	Schipper	375	208	
FHM	5,831,574	11/3/98	Krasner	342	357	
FHM	5,832,021	11/3/98	Kondo	375	200	
FHM	5,841,396	11/24/98	Krasner	342	357	
FHM	5,845,203	12/1/98	LaDue	455	414	
FHM	5,854,605	12/29/98	Gildea	342	357	
FHM	5,862,465	1/19/99	Ou	455	234.1	
FHM	5,867,535	2/2/99	Phillips et al.	375	295	
FHM	5,867,795	2/2/99	Novis et al.	455	566	
FHM	5,872,540	2/16/99	Casabona et al.	342	362	

EXAMINER: <i>Paul Blane</i>	DATE CONSIDERED: 1-28-02
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date Mailed:

Form 1449 INFORMATION DISCLOSURE STATEMENT TEAN APPLICATION			Docket Number: 050321-1040	Application Number: 09/552,759	
			Applicant: Underbrink, et al.		
			Filing Date: April 18, 2000	Group Art Unit: 3661	

JUN 07 2001 PATENT & TRADEMARK OFFICE		5,874,914	2/23/99	Krasner	342	357	
<i>FHM</i>		5,877,724	3/2/99	Davis	342	357	
<i>FHM</i>		5,877,725	3/2/99	Kalafus	342	357	
<i>FHM</i>		5,881,371	3/9/99	Reynolds	455	83	
<i>FHM</i>		5,883,594	3/16/99	Lau	342	357	
<i>FHM</i>		5,884,214	3/16/99	Krasner	701	207	
<i>FHM</i>		5,889,474	3/30/99	LaDue	340	825.49	
<i>FHM</i>		5,903,654	5/11/99	Milton et al.	380	49	
<i>FHM</i>		5,907,809	5/25/99	Molnar et al.	455	456	
<i>FHM</i>		5,909,640	6/1/99	Farrer et al.	455	63	
<i>FHM</i>		5,917,444	6/29/99	Loomis et al.	342	357	
<i>FHM</i>		5,917,829	6/29/99	Hertz et al.	370	479	
<i>FHM</i>		5,920,283	7/6/99	Shaheen et al.	342	357	
<i>FHM</i>		5,923,703	7/13/99	Pon et al.	375	209	<i>RECEIVED</i>
<i>FHM</i>		5,924,024	7/13/99	Ikeda et al.	455	313	
<i>FHM</i>		5,926,131	7/20/99	Sakumoto et al.	342	357	JUN 11 2001
<i>FHM</i>		5,936,572	8/10/99	Loomis et al.	342	357	
<i>FHM</i>		5,943,363	8/24/99	Hanson et al.	375	206	TO 3600 MAIL ROOM
<i>FHM</i>		5,945,944	8/31/99	Krasner	342	357.06	
<i>FHM</i>		5,956,328	9/21/99	Sato	370	335	
<i>FHM</i>		5,963,582	10/5/99	Stansell, Jr.	375	200	
<i>FHM</i>		5,970,084	10/19/99	Honda	375	200	
<i>FHM</i>		5,977,909	11/2/99	Harrison et al.	342	357.09	
<i>FHM</i>		5,982,324	11/9/99	Watters et al.	342	357.06	
<i>FHM</i>		5,987,016	11/16/99	He	370	335	
<i>FHM</i>		5,991,309	11/23/99	Jensen et al.	370	492	
<i>FHM</i>		5,991,613	11/23/99	Euscher et al.	455	277.1	
<i>FHM</i>		5,995,537	11/30/99	Kondo	375	208	
<i>FHM</i>		5,999,124	12/7/99	Sheynblat	342	357.09	
<i>FHM</i>		6,002,362	12/14/99	Gudat	342	357.03	
<i>FHM</i>		6,002,363	12/14/99	Krasner	342	357.1	
<i>FHM</i>		6,002,709	12/14/99	Hendrickson	375	206	

EXAMINER: <i>Styl M. Krasner</i>	DATE CONSIDERED: <i>1-28-02</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date Mailed:

Sheet 5 of 7

Fonn 1449 ^c INFORMATION DISCLOSURE STATEMENT ON AN APPLICATION	Docket Number: 050321-1040	Application Number: 09/552,759
	Applicant: Underbrink, et al.	
	Filing Date: April 18, 2000	Group Art Unit: 3661

RECEIVED

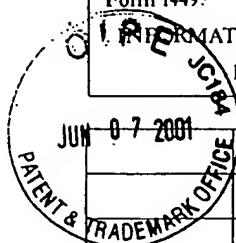
JUN 11 2001

TO 3600 MAIL ROOM

EXAMINER: Julie Hause DATE CONSIDERED: 1-28-02
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Form 1449: INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Docket Number: 050321-1040	Application Number: 09/552,759
	Applicant:: Underbrink, et al.	
	Filing Date: April 18, 2000	Group Art Unit:: 3661

JUN 07 2001



RECEIVED

JUN 11 2001

TO 3600 MAIL ROOM

~~COPY OF PAPERS
ORIGINALLY FILED~~

FOREIGN PATENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
FHM	WO 92/13392						
FHM	WO 00/19644						
FHM	EP 0511741 A1						
FHM	EP 0511741 B1						
FHM	EP 0639901 A2						
FHM	EP 0639901 A3						
FHM	JP 08/065205A						
	JP 08/065205A						✓

EXAMINER:

DATE CONSIDERED:

1-38-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Form 1449®	Docket Number: 050321-1040	Application Number: 09/552,759
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION		Applicant: Underbrink, et al.
	Filing Date: April 18, 2000	Group Art Unit: 3661

JUN 07 2001



PATENT & TRADEMARK OFFICE	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	FHM	D. J. R. Van Nee and A. J. R. M. Coenen, "New Fast GPS Code-Acquisition Technique Using FFT," January 17, 1991, <i>Electronics Letters</i> , Vol. 27, No. 2.

**COPY OF PAPERS
ORIGINALLY FILED**

EXAMINER: <i>Stef Aher</i>	DATE CONSIDERED: <i>1-28-02</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Notice of References Cited

 Application/Control No.
 09/552,759

 Applicant(s)/Patent Under
 Reexamination
 UNDERBRINK ET AL.

 Examiner
 Fred H. Mull

 Art Unit
 3662

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,331,329 A	07-1994	Volkov et al.	342/357.01
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Telecommunications: Glossary of Telecommunication Terms, Federal Standard 1037C (07 August 1996)
	V	Fundamentals of Signal Tracking Theory, J.J. Spilker Jr., in Global Positioning System: Theory and Applications, Volume I, edited by B.W. Parkinson et al., American Institute of Aeronautics and Astronautics, Inc., Washington, DC, p. 255, 1996.
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
 Dates in MM-YY.YY format are publication dates. Classifications may be US or foreign.